BluScan™

Ultra Long Range Wireless CCD Scanner

Ultra Long Scan Range

With the demand of wireless scanners raising widely over the last year, ID TECH is pleased to present the BluScan, an ultra long range wireless CCD scanner. The BluScan not only provides superior performance with a rapid scan rate of 450 scans second, but also allows an exceptional scan range of up to 40 inches.

Superior Radio Range

Utilizing unique wireless-communication technology, the BluScan operates with a 100-meter data transmission range that tops most competitors in its class. Accompanied by a long-lasting Li-ion battery pack and IP42 sealing level design, BluScan offers the freedom of mobility of barcode scanning and outstanding durability in a wide range of applications including business offices for shipping/receiving, supermarkets, warehouses and manufacturing.

Readability of Global 1D Symbologies

In addition to the freedom provided by the superior transmission range, the BluScan has the ability to read all global 1D barcode symbologies as well as PDF417. With such flexibility, ID TECH's BluScan is an excellent scanner for multiple applications.

Features and Benefits:

- Lightweight, ergonomic design
- Excellent scanning performance with 450 scans per second
- Scans up to 40 inches away depending on barcode size and density
- Operates with a 100-meter data transmission range from the base
- Readable under sun light
- Supports GS1databar (RSS), CS (Composite Symbology), and PDF417
- Seals to resist airborne particulate contaminants (IP 42)

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BluScan™ Specifications IDBA-42X3LRB

Electrical

Power Requirements:	5.0 VDC $\pm$ 10%
Interfaces:	PS/2, RS232, USB Keyboard
Light Source:	630 nm visible red LED
Sensor:	2048 pixel CCD
Battery Life:	15,000 reads
Battery Charging Time:	3.5 hours

Environmental

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Humidity:	10% - 90% relative humidity, non-condensing
Drop Test:	4.92 feet (1.5 m) Scanner, 2.95 feet (90 cm) Cradle

Mechanical

Dimensions:	6.46 inches (164 mm) x 3.07 inches (78 mm) x 2.20 inches (56 mm)
Weight:	8.82 oz. (with battery)
Indicator:	Green & Red LED, beep tones
Color:	Black with gray detail
Field Width:	6.30 inches (160 mm)
Resolution:	0.1 mm (4 mils) Code39, PCS＝90%
PCS:	25% or more
Scan Rate:	450 scans per second
Range:	0 inches (0 cm) to 40 inches (101.6 cm)
2D Symbologies:	Auto discriminates all standard barcodes and some 2D symbologies including PDF-417 and GS1 DataBar Omnidirectional code; Other symbologies can be ordered optionally.
Approvals:	FCC ID: NBFAS-8520-B CE: EN300328-2-C1 (Radio) CE: EN301489-2-C1 (EMC)

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